

PLPPR1 Rabbit pAb

PLPPR1 Rabbit pAb

Catalog # AP54749

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q8TBJ4
Reactivity	Rat, Mouse
Predicted	Pig, Dog, Human, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	35795
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PLPPR1
Epitope Specificity	181-280/325
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Membrane; Multipass membrane protein
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a member of the plasticity-related gene (PRG) family. Members of the PRG family mediate lipid phosphate phosphatase activity in neurons and are known to be involved in neuronal plasticity. The protein encoded by this gene does not perform its function through enzymatic phospholipid degradation. This gene is strongly expressed in brain. It shows dynamic expression regulation during brain development and neuronal excitation. Alternatively spliced transcript variants encoding the same protein have been observed. [provided by RefSeq, Jul 2008].

Additional Information

Gene ID	54886
Other Names	Phospholipid phosphatase-related protein type 1, Inactive 2-lysophosphatidate phosphatase PLPPR1, Plasticity-related gene 3 protein, PRG-3, PLPPR1 (HGNC:25993)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

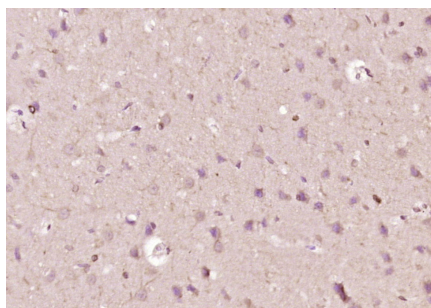
Protein Information

Name	PLPPR1 (HGNC:25993)
Function	May play a role in neurite outgrowth and neurogenesis.
Cellular Location	Cell membrane {ECO:0000250 UniProtKB:Q6WAY2}; Multi-pass membrane protein. Cell projection, neuron projection {ECO:0000250 UniProtKB:Q6WAY2}

Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Images



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (LPPR1) Polyclonal Antibody, Unconjugated (AP54749) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.